

AMENDMENTS TO THE CLAIMS

Please add Claims 4-17.

1 (original): A method of manufacturing an image display, comprising the step of sticking an adhesive optical film to a surface of a panel substrate of an image display panel having a scratch that can cause a display defect, wherein

the adhesive optical film comprises an optical film and a pressure-sensitive adhesive layer that is provided on one side of the optical film so as to be stuck to the panel substrate, and

the adhesive optical film is selected and applied according to the image display panel such that the formula: $Y \times (0.97X + 0.45) > 0.19Z - 0.006$ is satisfied, wherein

X (mm) is an amount of creep displacement one hour after a load of 500 g is applied at 23°C to a 10 mm square of an adhesion area of the adhesive optical film stuck to the panel substrate,

Y (mm) is a thickness of the pressure-sensitive adhesive layer of the adhesive optical film, and

Z (mm) is a half length of the length of long side of the scratch of the surface of the panel substrate of the image display panel.

2 (original): An image display manufactured by the method of according to Claim 1, comprising: a panel substrate of an image display panel, wherein a surface of the panel substrate has an scratch that can cause a display defect; and an adhesive optical film according to the image display panel is stuck to the surface of the panel substrate of the image display panel.

3 (original): An adhesive optical film for applied to the method of manufacturing an image display of according to Claim 1, comprising an optical film and a pressure-sensitive adhesive layer that is provided on one side of the optical film so as to be stuck to a panel substrate of an image display panel, wherein

the adhesive optical film satisfies the formula: $Y \times (0.97X + 0.45) > 0.19Z - 0.006$, wherein

X (mm) is an amount of creep displacement one hour after a load of 500 g is applied at 23°C to a 10 mm square of an adhesion area of the adhesive optical film stuck to the panel substrate,

Y (mm) is a thickness of the pressure-sensitive adhesive layer of the adhesive optical film, and

Z (mm) is a half length of the length of long side of the scratch of the surface of the panel substrate of the image display panel.

4 (new): A method of manufacturing an image display, comprising:

providing a panel substrate of an image display having a scratch that can cause a display defect, said scratch having a longitudinal length, $2Z$ (mm); and

providing an adhesive optical film comprising (i) an optical film and (ii) a pressure-sensitive adhesive layer provided on one side of the optical film to be stuck to the panel substrate, said pressure-sensitive adhesive layer having a thickness of Y (mm);

determining X (mm) which is an amount of creep displacement as measured one hour after a load of 500 g is applied at 23°C to a 10 mm square of an adhesion area of the adhesive optical film stuck to a sample of the panel substrate; and

sticking the adhesive optical film to a surface of the panel substrate if the adhesive optical film satisfies the formula: $Y \times (0.97X + 0.45) > 0.19Z - 0.006$.

5 (new): The method according to Claim 4, wherein X ranges from 0.05 mm to 2 mm, Y ranges from 0.002 mm to 0.1 mm, and Z is 0.5 mm or less.

6 (new): The method according to Claim 5, wherein X ranges from 0.1 mm to 1 mm, Y ranges from 0.01 mm to 0.04 mm, and Z is 0.3 mm or less.

7 (new): The method according to Claim 4, wherein the panel substrate is a glass substrate.

8 (new): The method according to Claim 4, wherein the optical film is a polarizing film.

9 (new): The method according to Claim 4, wherein the image display is a liquid crystal display.

10 (new): The method according to Claim 4, wherein the adhesive layer is selected from the group consisting of isocyanate adhesives, polyvinyl alcohol adhesives, gelatin adhesives, vinyl latex adhesives, and aqueous polyester adhesives.

11 (new): A method of repairing a display defect of an image display panel, comprising:

determining a longitudinal length, $2Z$ (mm), of a scratch present on a panel substrate of the image display panel, which can cause a display defect;

providing an adhesive optical film comprising (i) an optical film and (ii) a pressure-sensitive adhesive layer provided on one side of the optical film to be stuck to the panel substrate;

determining the formula: $Y \times (0.97X + 0.45) > 0.19Z - 0.006$,

wherein X (mm) is an amount of creep displacement as measured one hour after a load of 500 g is applied at 23°C to a 10 mm square of an adhesion area of the adhesive optical film stuck to a sample of the panel substrate, and Y (mm) is a thickness of the pressure-sensitive adhesive layer of the adhesive optical film;

selecting the adhesive optical film if the formula is satisfied; and

sticking the adhesive optical film to a surface of the panel substrate.

12 (new): The method according to Claim 11, wherein X ranges from 0.05 mm to 2 mm, Y ranges from 0.002 mm to 0.1 mm, and Z is 0.5 mm or less.

13 (new): The method according to Claim 12, wherein X ranges from 0.1 mm to 1 mm, Y ranges from 0.01 mm to 0.04 mm, and Z is 0.3 mm or less.

14 (new): The method according to Claim 11, wherein the panel substrate is a glass substrate.

15 (new): The method according to Claim 11, wherein the optical film is a polarizing film.

16 (new): The method according to Claim 11, wherein the image display is a liquid crystal display.

17 (new): The method according to Claim 11, wherein the adhesive layer is selected from the group consisting of isocyanate adhesives, polyvinyl alcohol adhesives, gelatin adhesives, vinyl latex adhesives, and aqueous polyester adhesives.